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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary) <b>Sheet 1 of 7</b>	<b>Application Number</b>	10/027,579
	<b>Filing Date</b>	12/20/01
	<b>First Named Inventor</b>	Frank F. Molock
	<b>Group Art Unit</b>	1751
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	VTN-571

#### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
MDV		3,808,178		Gaylord	04/30/1974	
		4,136,250		Mueller	01/23/1979	
		4,139,513		Tanaka	02/13/1979	
		4,153,641		Deichert	05/08/1979	
		4,182,822		Chang	01/08/1980	
		4,189,546		Deichert	02/19/1980	
		4,254,248		Friends	03/03/1981	
		4,259,467		Keogh	03/31/1981	
		4,260,725		Keogh	04/07/1981	
		4,261,875		LeBeouf	04/14/1981	
		4,276,402		Chromacek	06/30/1981	
MDV		4,327,203		Deichert	04/27/1982	

#### PATENT DOCUMENTS

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		Office <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
MDV			EP0262296A1		Boge A.G.	04/08/1988		
MDV			EP362137A2		Ciba-Geigy AG	04/04/1990		
MDV			EP0362737A1		Josef Wolf Audio-Visuals	04/11/1990		
MDV			EP0262629B1		BASF Aktiengesellschaft	04/17/1991		
MDV			EP0849296A2		Takeda Chemical Industries, Ltd.	06/24/1998		
MDV			EP0849296A3		Takeda Chemical Industries, Ltd.	05/16/1999		

Examiner Signature	<i>M. Vagstad</i>	Date Considered	3/5/04
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

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		Number	Kind Code <sup>2</sup> (If known)			
LADU		4,341,889		Deichert	07/27/1982	
		4,343,927		Chang	08/10/1982	
		4,355,147		Deichert	10/19/1982	
		4,414,372		Famham	11/08/1983	
		4,468,229		Su	02/28/1984	
		4,486,577		Mueller	12/04/1984	
		4,495,313		Larsen	01/22/1985	
		4,453,398		Bany	09/24/1985	
		4,605,712		Mueller	08/12/1986	
		4,661,575		Tom	04/28/1987	
LADU		4,668,240		Loshaek	05/26/1987	
		4,680,336		Larsen	07/14/1987	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

Examiner Signature	<i>M. Vargot</i>	Date Considered	3/5/04
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Sheet 3 of 7

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

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		Number	Kind Code <sup>2</sup> (if known)			
MPV		5,021,524		Dicker	08/04/1991	
		5,027,219		Stuttler	06/25/1991	
		5,034,461		Lai	07/23/1991	
		5,057,578		Spinelli	10/15/1991	
		5,070,215		Bambury	12/03/1991	
		5,151,106		Bhaumik	03/29/1992	
		5,292,350		Molock	03/08/1994	
		5,314,960		Spinelli	05/24/1994	
		5,338,797		McGee	08/09/1994	
		5,348,946		Yokoyama	09/13/1994	
		5,358,995		Lai	10/25/1994	
		5,371,147		Spinelli	12/06/1994	
MPV		5,387,632		Lai	02/07/1995	

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		Office <sup>4</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 5 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
LDV		5,451,617		Lai	09/19/1995	
		5,486,579		Lai	01/23/1998	
		5,710,302		Kunzler	01/20/1998	
		5,713,983		Bensky	02/03/1998	
		5,714,557		Kunzler	02/03/1998	
		5,760,100		Nicolson	06/02/1998	
		5,776,999		Nicolson	07/07/1998	
		5,779,943		Enns	07/14/1998	
		5,789,461		Nicolson	08/04/1998	
		5,807,944		Hirt	09/15/1998	
		5,908,906		Kunzler	08/01/1999	
LDV		5,938,795		Molock	08/17/1999	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

Examiner  
Signature

M. Vargot

Date  
Considered

3/5/04

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 6 of 7

Application Number	10/027,579
Filing Date	12/20/01
First Named Inventor	Frank F. Molock
Group Art Unit	1751
Examiner Name	
Attorney Docket Number	VTN-571

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		Number	Kind Code <sup>2</sup> (if known)			
MDU		5,958,440		Burrell	09/28/1999	
		5,982,548		Vanderlaan	10/05/1999	
		5,965,630		Imafuku	10/12/1999	
		5,965,631		Nicolson	10/12/1999	
		5,981,615		Meijs	11/09/1999	
		5,981,675		Valint	11/09/1999	
		5,944,853		Molock	08/31/1999	
		5,998,408		Vanderlaan	12/07/1999	
		6,020,445		Vanderlaan	02/01/2000	
MDU		6,039,913		Hirt	03/21/2000	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				

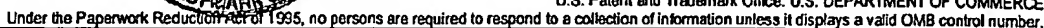
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Sheet 7 of 7

<b>Application Number</b>	<b>10/027,579</b>
<b>Filing Date</b>	<b>12/20/01</b>
<b>First Named Inventor</b>	<b>Frank F. Molock</b>
<b>Group Art Unit</b>	<b>1751</b>
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>VTN-571</b>

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

<i>Application Number</i>	10/027,579
<i>Filing Date</i>	December 20, 2001
<i>First Named Inventor</i>	Frank F. Molock et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	VTN-571

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